Work Orden June-25-13 11:50	and the second second	756		*1	0.3	756*						Page 1
Revision ID: Item Name: F		.UG ASS'Y Start Qty: 2:00 Req'd Qty: 2.00	*2* *2*	Accept		*N90 Cust Ite		100)* s	Setup Sta	1.7	S1* S2*
Approvals:		MLJ	Date: 12-025	Tooling: SPC (Y/N): 		Date:		F	Run Sta Sto		R1* R2*
Sequence ID/ Work Center ID		Operation Description		Set Up/ Run Ho		Tool I	D Tool#	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr D4148 100 *100* Small Fab Small Fab	Revisi	Memo 1- Assembl	e as per dwg	0.00					2x			J3/1
*110 * 1	(QC5- Inspect part comp Memo	leteness to step on W/O	0.00	DAS 27 9-89 13 9				2			
*120 *120 *120 Packaging Packaging	1	dentify as per dwg & S Memo	cock Location: ST H	0.00					24		T	5 9-13

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Work Orde	er:				DISPOSITION				AGAINST	DE	PARTMENT	/PROCESS		
					Rework			Skid-tube	Crosstube]	Water Jet		Engineering
Part N	lo				Scrap			Machining	Small Fab		Pro	d. Eng. Coor.		Quality
					Use-as-is		Thern	noforming	Finishing	_	Rec/Stor	re/Packaging	$oldsymbol{oldsymbol{ o}}$	Other
NCR N	lo				Suspected Unapproved]		Large Fab	Composite	_]	Supplier	لــا	
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}		or concer	ILLIC		Broken/Damage/Defect	\vdash	Grain			-	Over/Under		-	Set-up
ŀ	Cracks Crimp/Kink/Ripple/(Maye)				Burrs	-	Hardwa		navalified	\vdash	Part Incorred		${f o}$	Temperature/Cure
ŀ	Crimp/Kink/Ripple/Wave				Contamination	\vdash	1	on Incomplete/U	-	-	Part Lost/Mi	_	${f m H}$	Weld
ŀ	Crushing			⊢	Countersink		1	ions Incomplete/ ned/off center	Onciear	\vdash	Part Moved		Ш	Wrong Stock Pulled
ŀ	Heat Trea	ıt		-	Cut Too Short	\vdash	Mislabe	•		-	Positioned V Power Loss/			Other
}	Inspection		Tube		Drawing	\vdash	Misreac			<u> </u>	Ji Owei Loss/:	onike	Ll	Other
-	Marks/Ch	· .		H	Drill Holes	_	Off-set							
ŀ	Turning Se			\Box	Finish	<u> </u>	i	Calibration				- •		
F				-	Fit/Function		i	Seguence						

Work Orde		3756			*1(13756*				0.00		Page 2
Item ID: Revision ID: Item Name:	D4148-041 FWD X-TUBI	E LUG ASS'Y			Accept	*N90	<u> </u>	100*	Setup	Start Stop	*NS	•
Start Date: Required Date: Reference:	7/15/13 7/15/13	Start Qty: 2.00 Req'd Qty; 2.00		*2* *2*		Cust It						
Approvals:	Process Pla	n:	Date:		Tooling: SPC (Y/N):		Date:		Run	Start Stop	*NR	
Sequence ID/ Work Center II	D	Operation Description QC21- Final Inspection -	Work Order Ro	elease	Set Up/ Run Hou		ID Tool#	Plan Acc Code Qty	•	•	•	sp. amp

0.00

Memo

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Quality Control

\$ 18-09-18

DQA:			Date:			,							•	®A@RT
QA Closed:			Date:			WORK ORDER NON-	-CC	ONFO	RMANCE / UF		ork Order up	odate only Γ	\neg	AEROSPACE
Morle Orde						DISPOSITION					EPARTMENT			
Work Orde	er: _					D [ıl		ara i	C	٦)	\neg	En ain a suin a
Part N	No					Rework		1	Skid-tube	Crosstube Small Fab	Dro	Water Jet d. Eng. Coor.	\dashv	Engineering Quality
raiti	' '					Scrap Use-as-is			Machining noforming	Finishing	⊣	re/Packaging		Other
NCR N	Vo.					Suspected Unapproved			Large Fab	Composite	- 1	Supplier	ᅱ	Other
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Root					Desci	ription of work order update	li	nitial	Acti	ion	Sign &			
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	В	ending				Bend		Folio/P	rogram		Outside Dim	ensions		Pressure/Forced
	c	entre No	ot Concer	ntric		BOM/Route		Grain			Over/Under	tolerance		Set-up
	c	racks				Broken/Damage/Defect		Hardwa	re		Part Incorred	ct [Temperature/Cure
	Crimp/Kink/Ripple/Wave					Burrs		Inspecti	ion Incomplete/Un	qualified	Part Lost/Mi	ssing		Weld
	Cuffs					Contamination		Instruct	ions Incomplete/U	Inclear	Part Moved			Wrong Stock Pulled
	· Crushing					Countersink		Misalig	ned/off center		Positioned V	Vrong _		
	Шн	leat Trea	t .			Cut Too Short		Mislabe	eled		Power Loss/	Surge		Other
	Inspection Strip in Tube					Drawing		Misread	d					
	\square	/larks/Ch	atter			Drill Holes		Off-set						
	Пт	urning S	equence			Finish	\Box	Out of 0	Calibration					
	\square_{v}	Vave/Tw	ist in Tub	e		Fit/Function	П	Out of S	Sequence					

Picklist Print

June-25-13 11:50:18 AM

Work Order ID:

103756

Parent Item:

D4148-041

Parent Item Name:

FWD X-TUBE LUG ASS'Y

Start Date: 7/15/13

Required Date: 7/15/13

Start Qty: 2.00

Required Qty: 2.00

Comments:

IPP Rev:A 10.06.24 new issue DD verf:EC

IPP Rev:B 10.07.22 as per revB DD verf:JLM

IPP Rev:C 10.10.29 as per revC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Bin Purch Item	Primary Location			Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
MS21043-3		Purchased No			100	Each	1,411.0000	4	4		- /	/3
Nut										7.11	3 /09	1/15
		, , , , , , , , , , , , , , , , , , ,	Location		Loc Qty	<u>L</u> c	oc Code			MI		45/
			FG		80						, 24	141
* * *			10369	1	80					MI	16	
			GA ,		106					1,110	,	
			12389	9	106							,
			ST315		1225							
4 - 4	• 1		12389	9	196							
	1.		12455	5	1029						/	
MS21043-4	1	Purchased No	1		100	Each	1,881.0000	1	6	$\mathcal{I}\Lambda$, 7 <i>l</i>	19/
Nut												
			Location		Loc Qty	<u>La</u>	oc Code				/	
			FG		36							
* *			10460	3	36					•		
			GA		2							
1. Carl			12165	2	2				 -			
	6.7		ST315		1843					-		
N. 15.			12116		25							
An and Andrews			12302		3							
			12352		29	· · · · · ·						
1979 A			10000	^	•							
			12390 12565		2 898		*					

DQA:		_ Date:										TRAC
QA Closed:		Date:			WORK ORDER NON-	-CC	NFOI	RMANCE / U		Work Order up	odate only	AEROSPACE
Work Orde	ar·				DISPOSITION				AGAINST D	DEPARTMENT	/PROCESS	
WOIR Olde					Rework			Skid-tube	Crosstube		Water Jet	Engineering
Part N	lo.				Scrap			Machining	Small Fab	Pro	d. Eng. Coor.	Quality
					Use-as-is		Thern	noforming	Finishing	Rec/Sto	re/Packaging	Other
NCR N	lo				Suspected Unapproved			Large Fab	Composite		Supplier	
Root		1		Desci	ription of work order update	ı	nitial	Act	ion	Sign &		
Cause	Date	Step	Qty		or non-conformance	Ch	ief Eng	Descr	ription	Date	Verification	QC Inspector
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Equip/Tooling	<u> </u>											
Handling/Pre												
Material	_											
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Process												
Supplier ,	4	-										
Training	_	.#										
Transport	_											
Unapproved		<u> </u>				<u> </u>					l	
						FAL	JLT CAT	rEGORY				
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}	Bending			-	Bend	${f}$	_	rogram	-	Outside Dim	_	Pressure/Forced
}		lot Concei	ntric	-	BOM/Route	-	Grain		-	Over/Under	-	Set-up
}	Cracks				Broken/Damage/Defect	\vdash	Hardwa		L.C. 1	Part Incorre	_	Temperature/Cure
}	Crimp/Kink/Ripple/Wave				Burrs		,	ion Incomplete/Ur	· -	Part Lost/M	issing	Weld
}	Cushing				Contamination	-		ions Incomplete/l	unciear	Part Moved		Wrong Stock Pulled
-	Crushing	-			Countersink	-	_	ned/off center	-	Positioned \		Jothan
-	Heat Tre		Tule -	<u> </u>	Cut Too Short	ь—	Mislabe		L	Power Loss/	ourge	Other
ŀ		on Strip in	oauı	-	Drawing Drill Holos		Misread	ג				
}	Marks/C			<u> </u>	Drill Holes	\vdash	Off-set	Salibanasia -				
}		Sequence		\vdash	Finish	\vdash	l	Calibration				
	[Wave/T	wist in Tul	oe		Fit/Function		Out of S	Sequence				

June-25-13 11:50:18 AM

Work Order ID: Parent Item:	103756 D4148-041			fag after		Start	Date: 7/15/13	Required Date: 7/15/13
Parent Item Name:	FWD X-TUBE LU	IG ASS'Y	er e				t Qty: 2.00	Required Qty: 2.00/
	1 WB A TOBE E		No :	100	Each	74.0000	1	. // / /
D2690-6 Lanyard		Manufactured	INO		Lucii			2/3/09/13
		to the second	<u>Location</u>	Loc Oty		Loc Code		
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	•		103055 94775			• .	2	
환호 -			95935	1				_
•			99808	1				_
			STO16	16				_
			102246	16				- 21//
D2010 1			No :	100	Each	29.0000	1	
D3910-1	•	Manufactured	140 .	100	Davii	27.0000	-	- 603 hg/13
Crosstube Lug		,	Location	Loc Qty		Loc Code		
. t. f.t.	* *	7, 11	Location			Loc Code		
·:	•		ST464	29				-/
\$**1.1	٠٠,		100342	26 2				_
		٠	81474 89772	1			-2	
			No	100	Each	41.0000	1	- 1/1 /
D4091-1		Manufactured	NO	100	Lacii		•	1 / 5/3/09/13
MOUNTING LUG				• •				
	1 12	£ 1017	Location	Loc Qty		Loc Code		1/ RIDZ491/24
	#1 .		ST144	41				
1	*		100346	36				_
	4.		97517	5				<i>L</i> L
D4148-1		Manufactured	No ?	100	Each	23.0000	2	4 6)17/19/17
Crosstube Lug Plate, Fw	vd							1100
× 24.		1841	Location	Loc Qty		Loc Code		
	*** * w		ST145	. 23				- (K/n277/12)
· · · · · · · · · · · · · · · · · · ·			100297	21				_ D[0"] (0)_
4, 4.7	· .		85753	2				B 166 20 212

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DQA:	WORK ORDER NON-CONFORMANCE / UPDATE											DART		
QA Closed:			Date:			WORK ORDER NON-	-((JNFUI	RIVIAINCE / UF		/ork Order up	date only		AEROSPACE
Work Orde	ır.		·			DISPOSITION				AGAINST D	EPARTMENT,	/PROCESS		
Part N	 lo					Rework Scrap Use-as-is Suspected Unapproved			Skid-tube Machining noforming Large Fab	Crosstube Small Fab Finishing Composite	- 4	Water Jet d. Eng. Coor. re/Packaging Supplier		Engineering Quality Other
							1		·	' L.				
Root Cause	Da	ate	Step	Qty	Descr	ription of work order update or non-conformance		nitial ief Eng	Acti Descr		Sign & Date	Verification	\prod	QC Inspector
Design Doc/Data Equip/Tooling Handling/Pre Material Operator Offset/Setup Process Supplier Training Transport Unapproved														
							FAI	ULT CAT	regory					
Landir	Cent Crac Crim Cuff	g Gear Bending Centre Not Concentric Cracks Crimp/Kink/Ripple/Wave Cuffs Crushing				General Bend BOM/Route Broken/Damage/Defect Burrs Contamination Countersink		Grain Hardwa Inspect Instruct	Program Ire Ion Incomplete/Unitions Incomplete/Unitions Incomplete/Unitioned/Officenter	· -	Outside Dim Over/Under Part Incorred Part Lost/Mi Part Moved Positioned V	tolerance ct ssing		Pressure/Forced Set-up Temperature/Cure Weld Wrong Stock Pulled
	Crushing Heat Treat Inspection Strip in Tube Marks/Chatter Turning Sequence Wave/Twist in Tube					Cut Too Short Drawing Drill Holes Finish Fit/Function		Mislabe Misread Off-set Out of 0	eled d	, [Power Loss/	r		Other

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Work Order ID:	103756					•	Q (D . 7/15/12	D 1 1 D 1 2 7/15/12
Parent Item:	D4148-041		1.5					Date: 7/15/13	Required Date: 7/15/13
Parent Item Name:	FWD X-TUBE LU	G ASS'Y					Start	Qty: 2.00	Required Qty: 2.00
D4148-3 Stud Receiver, Lower	45	Manufactured	No		100	Each	24.0000	1	2/3/09/13
	·	1		Location	Loc Qty		Loc Code		
				ST145	24				7 10C81 VS
				100534	20				_ DIUSUERE
				97610	4			 	- 11
D4148-5 Eyebolt Stud		Manufactured	No		100	Each	35.0000	1	2 /3/08/1
,				Location	Loc Qty		Loc Code		
**	•			ST145	35				
				100497	20				
	;			102112	12				<u> </u>
				97587	1				- / /
			2.7	99176	. 2	P1.	122 0000	2	-, 8/(/,
AN3C12A	1	Purchased -	No	2	100	Each	133.0000	2	4 6/13/09/1
Bolt					- A.				
11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				<u>Location</u>	Loc Oty		Loc Code		
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				123648	5			-4	_
		•		124561 124858	126 2			/	
AN4C13A BOLT	*** ****	Purchased	No		100	Each	222.0000	3	6 8 3/09/
**************************************		4		Location	Loc Qty		Loc Code		
	1.1			ST356	148				_//
				123900	3				<u>/</u>
	•			m12570					
•	***			m12597	8 100				<u> </u>
				ST514	72				_
4 1	Ž			124805	72			-	<u> </u>
1*				ST516	. 2				
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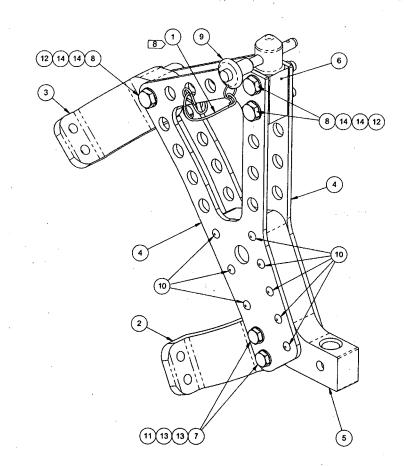
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			,		WORK ORDER NON-	-CC	ONFO	RMANCE / UPDATE			_		AEROSPACE
QA Closed:		Date:							W	ork Order up	odate only		
Work Orde	or.				DISPOSITION			AGAINST	DE	PARTMENT	/PROCESS		
Work Orac	-' -				Rework			Skid-tube Crosstube	Г]	Water Jet	\neg	Engineering
Part N	lo.				Scrap			Machining Small Fab	-	Pro	d. Eng. Coor.	-	Quality
					Use-as-is			noforming Finishing	-	-,	re/Packaging	ㅓ	Other
NCR N	lo.				Suspected Unapproved			Large Fab Composite	-	1	Supplier		
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Root	1			Descr	ription of work order update	ı	Initial	Action		Sign &			
Cause	Date	Step	Qty		or non-conformance	Ch	ief Eng	Description		Date	Verification	1	QC Inspector
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Offset/Setup	_	,											
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	Bending			-	Bend		1	Program	-	Outside Dim	.		Pressure/Forced
•		ot Concei	ntric	-	BOM/Route		Grain		L	Over/Under	.	-	Set-up
	Cracks				Broken/Damage/Defect		Hardwa		-	Part Incorred			Temperature/Cure
	Crimp/Kink/Ripple/Wave				Burrs			ion Incomplete/Unqualified	-	Part Lost/Mi	ssing	-	Weld
	Cuffs			<u> </u>	Contamination		4	tions Incomplete/Unclear	_	Part Moved	L	Ш	Wrong Stock Pulled
-	Crushing			-	Countersink	-	1	gned/off center	-	Positioned V		\neg	Out a m
	Heat Tre		Tula -	-	Cut Too Short		Mislabe		<u></u>	Power Loss/	Surge [Other
		n Strip in	iube	-	Drawing Drill Holes		Misread						
	Marks/C			<u> </u>	Drill Holes	-	Off-set						
ŀ		Sequence		\vdash	Finish		4	Calibration					
	[wave/tv	vist in Tub	oe e		Fit/Function	l	JOut of S	Sequence					

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Work Order ID:	103756							a		D 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
Parent Item:	D4148-041			1 1		the without it is	i.		ate: 7/15/13	Required Date: 7/15/13
Parent Item Name:	FWD X-TUBE L	UG ASS'Y						Start	Qty: 2.00	Required Qty: 2.00/
MS17984-C413 Quick Release Pin	yt (h	Purchased	No		Α,	100	Each	30.0000	1	2 /0/19/3
		3 HO 12 14		Location	<u>n</u>	Loc Qty		Loc Code		
Q X				ST332		30				M12/2
					118612	2				_ 1106275
• • •					m125827					- 01 1 1
MS20615-4M18	* * * * * * * * * * * * * * * * * * *	Purchased	No		1 j	100	Each	603.0000	8	16
Rivet										70/11/0
		an e		Locatio	<u>n</u>	Loc Qty		Loc Code		
				ST312		603				_
					125162	97				_ ,
					125654	506				-
NAS1149C0332R	:	Purchased	No		**	100	Each	12,332.000	4	8 // 1 /2 /
WASHER										COS/09/1
10.3				<u>Locatio</u>	<u>n</u>	Loc Oty		Loc Code		
- 1)				FP001		264				
2.30	•				123355	264				_
•	•			ST292	***	286				<u> </u>
*	÷				123248	18				<u> </u>
	:				123759	177 91				_
				ame 1 1	125268					<u> </u>
*	16 / 16 /			ST511	125654	10000 10000				_
	W. s.			 CT# 1.7	125654	1782				
	1.1			ST517	124580	1782			8	
NAC1140C0423P		and the state	No		124380	100	Each	3,352.0000		$\frac{1}{12}$ \mathcal{M}_{2}
NAS1149C0432R WASHER	; ;	Purchased	·. • NO		. •		Lacii			1 3/3/09/13
	N	1.251		<u>Locatio</u>	<u>n</u>	Loc Qty		Loc Code		•
•	<i>⊅</i> .			ST292		3352				<u> </u>
					119124	6				_
•	100				122441	513			- 17	
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11:00

DQA:			Date:										**	
QA Closed:			Date:			WORK ORDER NON-	·CC	ONFO	RMANCE / UI		ork Order up	odate only	7	AEROSPACE
						DISPOSITION		•	· · · · · · · · · · · · · · · · · · ·		EPARTMENT			
Work Orde	er: _										<i>^</i>	_	_	
						Rework			Skid-tube	Crosstube	_	Water Jet		Engineering
Part N	10. –					Scrap			Machining	Small Fab	┥	d. Eng. Coor.		Quality
NCR N	10					Use-as-is Suspected Unapproved		Inern	noforming Large Fab	FinishingComposite	Rec/Stor	re/Packaging	\dashv	Other
NCKI	۰۰					Suspected Onapproved			Large Fab	Composite		Supplier		
Root	-				Desci	ription of work order update	j	nitial	Act	ion	Sign &			· - · · -
Cause		Date	Step	Qty		or non-conformance	Ch	ief Eng	Descr	ription	Date	Verification		QC Inspector
Design														
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		Bending			_	Bend			rogram	<u> </u>	Outside Dim	<u> </u>		ressure/Forced
	\dashv	Centre No	t Concer	itric	-	BOM/Route		Grain		<u> </u>	Over/Under	⊢	_	Set-up
	_	Cracks			<u> </u>	Broken/Damage/Defect		Hardwa		_	Part Incorred	}	_	emperature/Cure
	-	Crimp/Kin	k/Ripple,	/Wave	<u> </u>	Burrs		1	ion Incomplete/Ur	· —	Part Lost/Mi	ssing		Veld
	-	Cuffs		<u> </u>	Contamination	$\overline{}$	l	ions Incomplete/U	Jnclear	Part Moved	L	\v	Vrong Stock Pulled	
	-	Crushing				Countersink			ned/off center		Positioned V		_	
	-	Heat Trea			ļ	Cut Too Short	-	Mislabe			Power Loss/	Surge	C	Other
	Inspection Strip in Tube Drawing						-	Misread	d		 			
		Marks/Ch				Drill Holes	-	Off-set						
	_	Turning Se			<u> </u>	Finish	$\overline{}$	4	Calibration					·
		Wave/Tw	ist in Tub	e		Fit/Function		Out of S	Sequence					



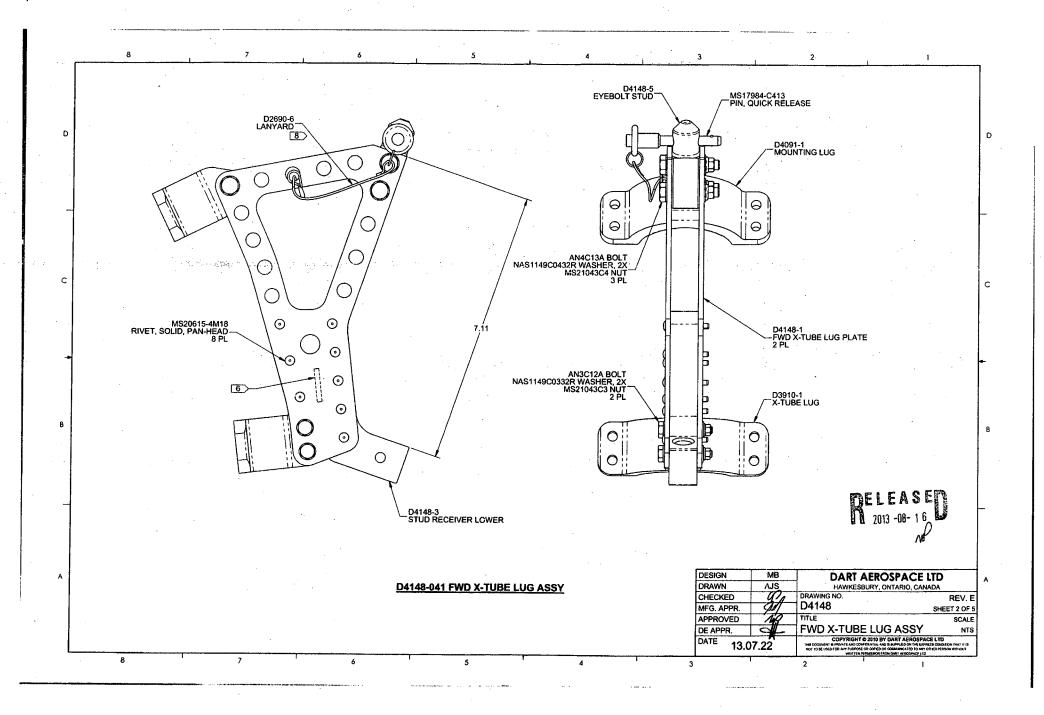
D4148-041 FWD X-TUBE LUG ASSY

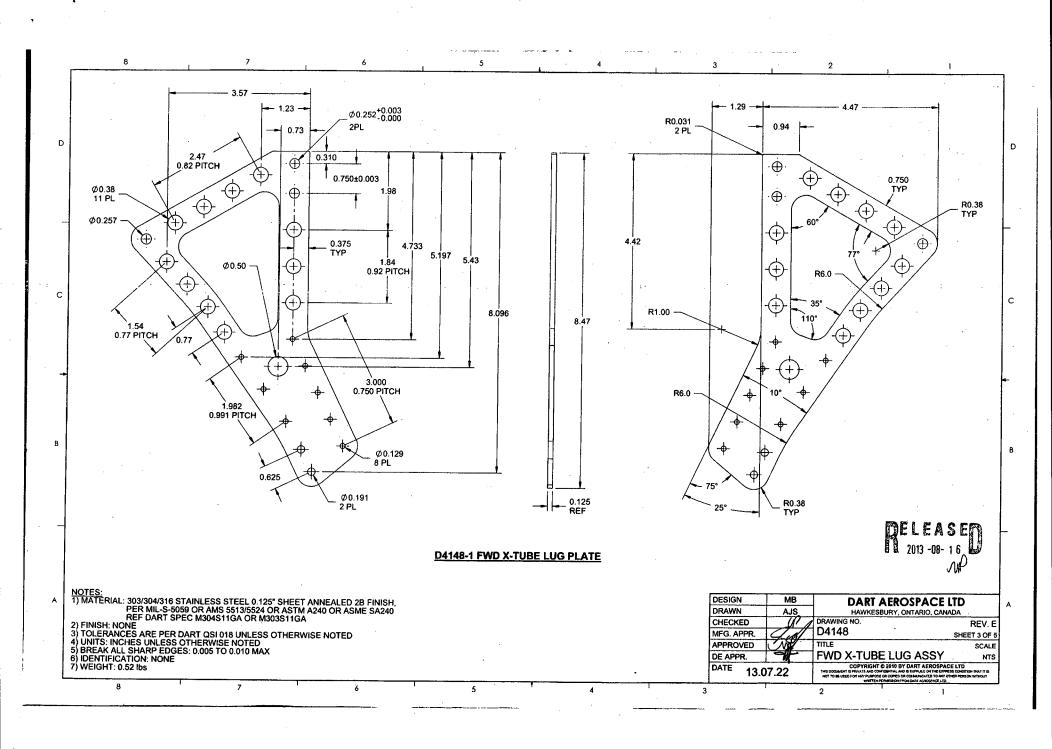
NOTES:
1) MATERIAL: N/A
2) FINISH: NONE
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: N/A
6) IDENTIFICATION: IDENTIFY WITH DART P/N "D4148-041" PER DART QSI 044 6.1
7) WEIGHT: 3.66 lbs
8) ATTACH D2690-6 TO D4148-1 BY LOOPING AROUND A LIGHTENING HOLE FIRST AND THEN SECURE TO MS17984-C413

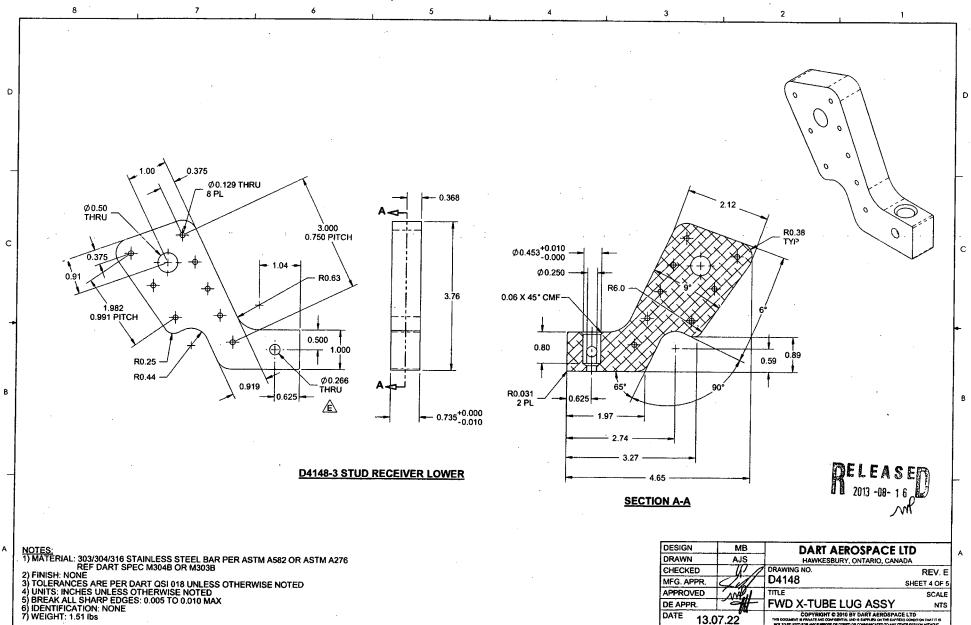
QTY -041	P/N	DESCRIPTION		
Х	D4148-041	FWD X-TUBE LUG ASSY		
1	D2690-6	LANYARD		
1	D3910-1	X-TUBE LUG		
1	D4091-1	MOUNTING LUG		
2	D4148-1	FWD X-TUBE LUG PLATE		
1	D4148-3	STUD RECEIVER LOWER		
1	D4148-5	EYEBOLT STUD		
2	AN3C12A	BOLT		
3	AN4C13A	BOLT		
1	MS17984-C413	PIN, QUICK RELEASE		
8	MS20615-4M18	RIVET, SOLID, PAN-HEAD		
2	MS21043C3	NUT, SELF-LOCKING		
3	MS21043C4	NUT, SELF-LOCKING		
4	NAS1149C0332R	WASHER		
6	NAS1149C0432R	WASHER		
	1 1 1 2 1 2 3 1 8 2 3 4	D4148-041 P/N		



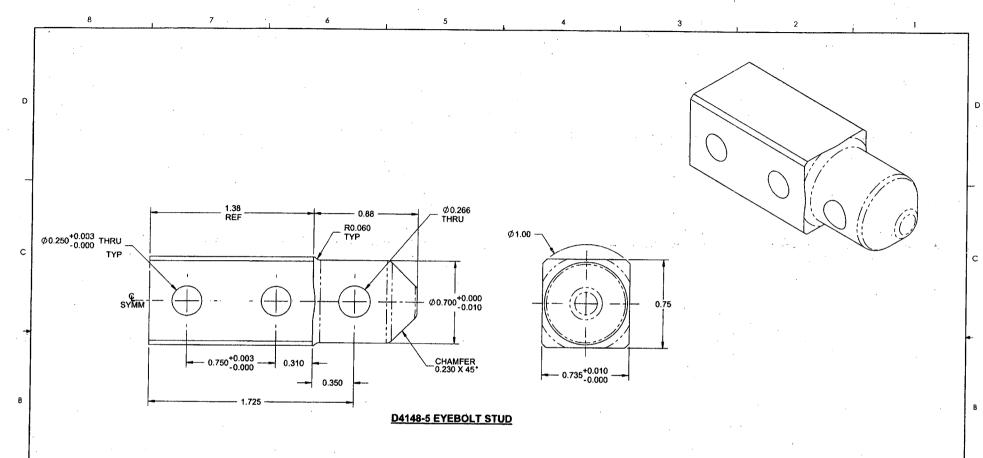
E	B6-4 Ø0.266 HOLE ADDED FOR CARGO TUBE AJS 13.07.22 INSTALLATIONS.				13.07.22	
D	HOLE C CHANG MS2104 AN4C1: 1,C4-2)	DIA CHANGED 1 ED TO 0.250" (1 13C3 AND QTY 3A, MS21043C4	sc	11.02.22		
С	REDES	IGNED D4148-1 WITH D350-59	/-3 TO ADDRESS COMPATIBILITY 1 SHORT STEPS	MB	10.10.12	
В	MASHE MS2061 Ø0.129	PLACED OTY(3) MS20615-4M18 WITH OTY(2) EACH 3C12A, MS21043-3 AND OTY(4) MAS1149C0332R SITER (2N D3-1, B7-2 & B4-2); MS20815-4M18 WAS 20615-4M20 (2N D3-1 & B7-2); Ø.0.191 2 PL REPLACES 1.28 3 PL, (2N D3-3); Ø.1.29 7 PL WAS 10 PL (ZN A7-3); 191 WAS 0.129 (ZN G2-5).			10.07.05	
Α	NEW IS	SUE	MB 10.06.18		10.06.18	
REV.			DESCRIPTION BY DATE		DATE	
DESIGN	1	MB	DART AEROSPA	ACEL	TD	
DRAWN	!	AJS		HAWKESBURY, ONTARIO, CANADA		
CHECK	ED	\$1	DRAWING NO.		REV. E	
MFG. A	PPR.	Till	D4149		SHEET 1 OF 5	
APPRO	VED	JWH	TITLE	*************	SCALE	
DE APP	APPR. FWD X-TUBE LUG ASSY		NTS			
DATE	COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS MINUTE AND COMPOSITION LAND IS SUPPLED ON THE EXPRESS CONDITION THAT IT IS					







DRAWING NO. CHECKED REV. E D4148 MFG. APPR. SHEET 4 OF 5 APPROVED TITLE SCALE FWD X-TUBE LUG ASSY DE APPR. NTS COPYRIGHT © 2010 BY DART AEROSPACE LTD
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NOTES:
1) MATERIAL: 303/304/316 STAINLESS STEEL BAR PER ASTM A582 OR ASTM A276
REF DART SPEC M304B OR M303B
2) FINISH: NONE
3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK ALL SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: NONE
7) WEIGHT: 0.27 lbs

DESIGN	MB	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA		
DRAWN	AJS			
CHECKED	W//	DRAWING NO.	REV. E	
MFG. APPR.	(Jal)	D4148	SHEET 5 OF 5	
APPROVED	TANK T	TITLE	SCALE	
DE APPR.		FWD X-TUBE LUG ASSY	NTS	
DATE 13.0	07.22	COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOOMEN'S TRENTE AND COMPEDITION AND IS SUPPLED ON THE EXPRESS CONDITION THAT IT IS HAT TO BE LIED FOR ANY PURPOSE OR COMPEDITION TO NAME OF REPORT WITHOUT		